

Baker Environmental, Inc.
Airport Office Park, Building 3
420 Rouser Road
Coraopolis, Pennsylvania 15108

(412) 269-6000 FAX (412) 269-2002

February 16, 1993

AC/S, EMD
Building 1
MCB Camp Lejeune, North Carolina 28542-5001

Attn:

Mr. Neal Paul

Re:

Contract N62470-89-D-4814 Navy CLEAN, District III

Contract Task Order (CTO) 0133

Disposal of Investigation Derived Waste MCB Camp Lejeune, North Carolina

Dear Mr. Paul:

Baker Environmental, Inc. (Baker) is coordinating the disposal of investigation derived waste (IDW) generated during the field investigation conducted under CTO-0133. The IDW, presently containerized at Site 6, include solids (drill cuttings) and liquids (purge/development water from monitoring wells and decontamination fluids).

Table 1 is a summary of IDW at Site 6. IDW disposal activities are tentatively scheduled for the week of February 21, 1993 as follows:

- Tuesday, February 23, 1993
 - Removal of liquid IDW (Groups: 6-WW2, 6-WW3, and 6-WW4) for offsite disposal.
- Wednesday, February 24, 1993
 - Solid IDW (Group 6-RBC) will be disposed on-site.

Liquid IDW (Group 6-WW1) will be transported to the base waste treatment facility for disposal per your convenience. Baker would prefer to conduct this activity on Thursday or Friday of that week.

Offsite disposal of liquid IDW will require MCB Camp Lejeune personnel to complete a letter of authorization (Attachment 1) and three waste profile forms (Attachment 2). Baker has included the required information on the waste profile forms. MCB Camp Lejeune are required to sign these documents.

For your convenience, a copy of the waste profile forms is included as Attachment 3. The sections requiring signature have been highlighted.

Baker

Mr. Neal Paul February 16, 1993 Page 2

If you have any questions, please contact me at (412) 269-2016.

Sincerely,

BAKER ENVIRONMENTAL, INC.

Raymond P. Wattras Project Manager

RPW/nd Attachments

cc: Mr. Keith Simmons, P.E., Code 0223 (w/o attachments)

Ms. Lee Anne Rapp, Code 183 (w/o attachments) Mr. Byron Brant, P.E., Code 1823 (w/attachments)

Attachment I Letter of Authorization

LETTER OF AUTHORIZATION

		Date:
d execute the	<u>a Webb/Joyce Dishmon</u> of Four Seasons Indust following documents, pursuant to the processing and disposal of waste materials which I generate	g of required information and the
	_To collect samples of my waste materials, pe Appendix I, and to document such sampling.	r U.S. EPA methods in 40 CFR 261
	_To analyze waste material samples as require data or results of such analysis.	d, and to collect and process any
	_To prepare and execute waste description doswaste materials for treatment and/or disposal Material Profile Sheets, Waste Characterization the characteristics and composition of these variations.	(ie:Authorization Request Forms, on Documents, etc.) as related to
	_To prepare and execute waste certification do generator certification of waste in 40 CFR Pa	
	_To prepare and execute Uniform Hazardous form 8700-22, Rev 09-86), as related to the twaste materials.	
***************************************	_To prepare and execute other required state or related to the handling, transportation and dis	
OMPANY		AUTHORIZED BY
PA ID #∙		

Attachment II Waste Profile Forms

HAZARDOUS WASTE PROFILE

Four Seasons Industrial Services, Inc.
Waste Management Department
Post Office Box 16590
Greensboro, North Carolina 27416

JOB - CTO-19133

WASTE 6-WW2

General Instructions

This hazardous waste profile document is specifically designed to be a complete representation of your regulated waste material, and with this detailed information Four Seasons will be able to correctly and expeditiously determine those methods available or technologies required to effectively handle your hazardous waste materials.

To process this document Four Seasons requires each applicable section to be completed entirely, each question must be addressed. When responding or writing in this profile remember that "0" (zero) is a numeric value. If you have additional technical information or analytical data about your waste, please include that information in the appropriate section or as a attachment.

If you have any questions or require additional information to complete this hazardous waste profile document, please contact our Waste Management Department at 1-800-868-2718.

- A Report as TOTAL values only, (for organic volatiles EPA Test Method 8240; semivolatiles EPA Test Method 8270)
 B Report as TOTAL values only, (do not use TCLP EPA Method 1311 or EP Toxicity EPA Method 1310 extraction methods)
 C Report as EXTRACTION values only, (use TCLP EPA Method extraction method 1311, with appropriate constituent analysis) D. Report as TOTAL values only, (PCB can be analyzed as a additional constituent using semivolatiles Test Method 8270 BNA)

Generators are required to submit copies of supporting laboratory analysis and chemical products Material Safety Data Sheets (MSDS).

1. WASTE NAME: EPA Toxicity (Trichloroethylene) EPA WASTE CODE: D040	0
2. PROFILE QUESTIONS; (answer yes or no as applicable to your waste material)	
	Regulatory Guide
No Does this waste contain more than 49 ppm PCB, if so how much (ppm	n)? (:40 CFR 761.3)
No Could this waste be classified as ignitable, with a flashpoint less than 140 ⁰ F?	(:40 CFR 261.21)
No Does this waste contain free liquid, with a flashpoint less than 140 ⁰ F?	(:40 CFR 261.21)
No Could this waste be classified as a reactive, will it react with other compounds?	(:40 CFR 261 23)
No Is this waste an oxidizer as defined by DOT or EPA?	(:49 CFR 172.101)
No Is this waste radioactive by DOE, DOT, or EPA?	(:49 CFR 172.101)
No Does this waste contain cyanide greater than 25 ppm using EPA Method 9010?	(:40 CFR 261.23)
No Does this waste contain sulfide greater than 25 ppm using by EPA Method 9030?	(:40 CFR 261.23)
No Does this waste contain over 1000 ppm of total halogenated organics solvents?	(:40 CFR 268.32)
No Has anything been added to solidify this waste?	(:40 CFR 270.1,(c)
If yes, did the solidification agent used contain <1% total organic carbon?	(:40 CFR 265.314)
No Has this waste been treated or processed in any way?	(:40 CFR 261.3)
No Is this waste derived from or mixed with any RCRA hazardous waste?	(:40 CFR 261.3)
If so, enter the hazardous waste codes of the waste it is derived or mixed with, in co	omments section.
Process Generating this Waste: Well Installation/Development;	
Well Purging During Sampling	
Commente. Because of the dilution factor the minimum detection limit	for the contaminar

EPA HW No. D018, D019, D028, D0239, D043, exceed the regulatory limit.

present at levels near or exceeding the regulatory level.

the site data and contaminants present indicate that these contaminants are NOT

Examination of

3. GENERATOR INFORMATION			
Generator Names: <u>CTO-0133</u>		EPA Identificati	on No.:
Facility Address:			
Mailing Address:			
Business Contact: Don Shields - Bake			hone: 412/269-2038
Technical Contact: Joe Rozum - Baker			hone: 412/269-2039
4. GENERAL WASTE COMPOSITION;	include chemical compo	ounds, water, dirt, etc. (compo	sition must represent 100% of the waste)
Constituent	Percentage	Constituent	Percentage
Water	98%	T-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	
Dirt	1%		
Trichloroethylene (13 ppm)	.01%		

5. MATERIAL SAFETY DATA SHEETS	(MSDS): (please	furnish a MSDS on the	products contained in your waste)
	(oroddol dorkamod iir yddi wasiey
Chemical Product		MSDS Docui	ment Number
NA NA			
6. PROPORTIONS OF CHEMICAL CON	ISTITUENTS; inclu	de quantitative information or	the chemical compounds in the waste
Organic Compounds (See Note A)	Quantity (mg/kg)	Organic Compounds (Sec	e Note A) Quantity (mg/kg)
Trichloroethylene		Olugilic Combounds (Se	e Note A) — I Quanky I morkon
	13 (mg/kg)	Organic Compounds (Sec	ENOTE A) Quantity (mg/kg)
	13 (mg/kg)	Organic Compounds (Sec	(Quantity (mg/kg))
	13 (mg/kg)		Quantity (ing/kg)
	13 (mg/kg)	Organic Compounds (Sec	Quantity (mg/kg)
	13 (mg/kg)		(Quantity (ing/kg))
Inorganic Compounds (See Note B)	13 (mg/kg) Quantity (mg/kg)	inorganic Compounds (S	
Inorganic Compounds (See Note B) Bromine		inorganic Compounds (S	
Inorganic Compounds (See Note B) Bromine Chlorine		Inorganic Compounds (S Phosphorous Sulfur	
Inorganic Compounds (See Note B) Bromine Chlorine Cyanide		inorganic Compounds (S Phosphorous Sulfur Sulfide	
Inorganic Compounds (See Note B) Bromine Chlorine		Inorganic Compounds (S Phosphorous Sulfur	
Inorganic Compounds (See Note B) Bromine Chlorine Cyanide Copper		inorganic Compounds (S Phosphorous Sulfur Sulfide	
Inorganic Compounds (See Note B) Bromine Chlorine Cyanide Copper		inorganic Compounds (S Phosphorous Sulfur Sulfide	
Inorganic Compounds (See Note B) Bromine Chlorine Cyanide Copper		Inorganic Compounds (S Phosphorous Sulfur Sulfide Zinc	
Inorganic Compounds (See Note B) Bromine Chlorine Cyanide Copper Nickel Regulated Inorganic Compounds (See Note C) Arsenic	Quantity (mg/kg)	Inorganic Compounds (S Phosphorous Sulfur Sulfide Zinc	ee Note B) Quantity (mg/kg)
Inorganic Compounds (See Note B) Bromine Chlorine Cyanide Copper Nickel Regulated Inorganic Compounds (See Note C)	Quantity (mg/kg)	Inorganic Compounds (S Phosphorous Sulfur Sulfide Zinc Regulated Inorganic Com	ee Note B) Quantity (mg/kg)
Inorganic Compounds (See Note B) Bromine Chlorine Cyanide Copper Nickel Regulated Inorganic Compounds (See Note C) Arsenic	Quantity (mg/kg)	Inorganic Compounds (S Phosphorous Sulfur Sulfide Zinc Regulated Inorganic Com	ee Note B) Quantity (mg/kg)

Regulated Organic Compounds (See Note C) Benzene Carbon tetrachloride Chlordane Chlorobenzene	Quantity (mg/kg)	negulated Organic C	compounds (See Note C) Quantity (mg/kg)
Carbon tetrachloride Chlordane Chlorobenzene		Hexachloroethan	Δ	
Chlordane Chlorobenzene		Lindane		
Chlorobenzene		Methyl ethyl keto	ne	
		Methoxychlor	110	
Chloroform		Nitrobenzene		
o-cresol		Pentachlorophen	ol.	
m-cresol		Pyridine	Ot	
p-cresol		Tetrachloroethyle	200	
Cresol			a)e	
1,4-dichlorobenzene		<u>Toxaphene</u>	_	13 (mg/kg)
		Trichloroethylene		13 (mg/kg)
1,2-dichlorobenzene			noxyacetic acid (2,4-D)	
1,1-dichlorobenzene		2,4,5-TP (silvex)		
2,4-dinitrotoluene		2,4,5-trichlorophe		
Heptachlor		2,4,6-trichlorophe	enol	
Hexachlorobenzene		Vinyl chloride		
Hexachloro-1,3-butadiene				
	Quantity (mg/kg)	T004 D	de (Con Note D)	Quantity (mg/kg)
TSCA Regulated Compounds (See Note D)	· counties till(VE())	Laga requiried Col	mbounds take Note Di	
	Country (mg/kg)		mpounds (See Note D)	
Polychlorinated Biphenyls (PCB)	Additing (1119/Kg)	Halogenated chk	orofluoroalkanes	
Polychlorinated Biphenyls (PCB) Polybrominated Biphenyls (PBB)	Quantity (ITIQ/KQ)		orofluoroalkanes	
	Quantity (ITT(/Kg))	Halogenated chk	orofluoroalkanes	
Polychlorinated Biphenyls (PCB) Polybrominated Biphenyls (PBB) Dibenzofurans		Halogenated chk Dibenzo-para-did	orofluoroalkanes	
Polychlorinated Biphenyls (PCB) Polybrominated Biphenyls (PBB)		Halogenated chk Dibenzo-para-did	orofluoroalkanes	
Polychlorinated Biphenyls (PCB) Polybrominated Biphenyls (PBB) Dibenzofurans 8. GENERAL PHYSICAL PROPERTIES	ES OF WASTE MAT	Halogenated chk Dibenzo-para-did	orofluoroalkanes	
Polychlorinated Biphenyls (PCB) Polybrominated Biphenyls (PBB) Dibenzofurans 8. GENERAL PHYSICAL PROPERTIE Color: Gray Water	ES OF WASTE MAT	Halogenated chk Dibenzo-para-dic	orofluoroalkanes oxins Flash Point:	
Polychlorinated Biphenyls (PCB) Polybrominated Biphenyls (PBB) Dibenzofurans 8. GENERAL PHYSICAL PROPERTIE Color: Gray Water Odor: Slight Organic to None	ES OF WASTE MAT Physical State at 70°I Solid / dry	Halogenated chk Dibenzo-para-did	orofluoroalkanes oxins Flash Point:	Less than 140 ⁰ F
Polychlorinated Biphenyls (PCB) Polybrominated Biphenyls (PBB) Dibenzofurans B. GENERAL PHYSICAL PROPERTIE Color: Gray Water Odor: Slight Organic to None	Physical State at 70% Solid / dry Solid / moist	Halogenated chk Dibenzo-para-did ERIAL F: Sludge/thick tLiquid/sludge	pxins Flash Point:	Less than 140 ⁰ F Between 140 ⁰ F - 200 ⁰ F
Polychlorinated Biphenyls (PCB) Polybrominated Biphenyls (PBB) Dibenzofurans 8. GENERAL PHYSICAL PROPERTIE Color: Gray Water Odor: Slight Organic to None Quantity: 1500 gallons	ES OF WASTE MAT Physical State at 70°I Solid / dry	Halogenated chk Dibenzo-para-did	Flash Point:	Less than 140 ⁰ F Between 140 ⁰ F - 200 ⁰ F Greater than 200 ⁰ F
Polychlorinated Biphenyls (PCB) Polybrominated Biphenyls (PBB) Dibenzofurans 8. GENERAL PHYSICAL PROPERTIE Color: Gray Water Odor: Slight Organic to None Quantity: 1500 gallons Waste Material pH:	Physical State at 70°l Solid / dry Solid / moist Paste / wet	Halogenated chk Dibenzo-para-did ERIAL F: Sludge/thick tLiquid/sludge	Flash Point:	Less than 140 ⁰ F Between 140 ⁰ F - 200 ⁰ F
Polychlorinated Biphenyls (PCB) Polybrominated Biphenyls (PBB) Dibenzofurans 8. GENERAL PHYSICAL PROPERTIE Color: Gray Water Odor: Slight Organic to None Quantity: 1500 gallons Waste Material pH:	Physical State at 70% Solid / dry Solid / moist Paste / wet Phase Layering:	Halogenated chk Dibenzo-para-did ERIAL F:Sludge/thick tLiquid/sludgeXLiquid	Flash Point:	Less than 140 ⁰ F Between 140 ⁰ F - 200 ⁰ F Greater than 200 ⁰ F No flash point
Polychlorinated Biphenyls (PCB) Polybrominated Biphenyls (PBB) Dibenzofurans 8. GENERAL PHYSICAL PROPERTIE Color: Gray Water Odor: Slight Organic to None Quantity: 1500 gallons Waste Material pH: Exact pH Less than 2.5	Physical State at 70°l Solid / dry Solid / moist Paste / wet Phase Layering: X No layers or phase	Halogenated chk Dibenzo-para-did ERIAL F: Sludge/thick tLiquid/sludge _X_Liquid	Flash Point:	Less than 140 ⁰ F Between 140 ⁰ F Greater than 200 ⁰ F
Polychlorinated Biphenyls (PCB) Polybrominated Biphenyls (PBB) Dibenzofurans 8. GENERAL PHYSICAL PROPERTIE Color: Gray Water Odor: Slight Organic to None Quantity: 1500 gallons Waste Material pH:	Physical State at 70°Solid / drySolid / moistPaste / wet Phase Layering: XNo layers or phaseTwo visible layers	Halogenated chk Dibenzo-para-dic ERIAL F:Sludge/thick tLiquid/sludgeX_Liquid ses s or phase	Flash Point: X Specific Gravity:	Less than 140 ⁰ F Between 140 ⁰ F - 200 ⁰ F Greater than 200 ⁰ F No flash point Equal to Water
Polychlorinated Biphenyls (PCB) Polybrominated Biphenyls (PBB) Dibenzofurans 8. GENERAL PHYSICAL PROPERTIE Color: Gray Water Odor: Slight Organic to None Quantity: 1500 gallons Waste Material pH: Exact pH Less than 2.5	Physical State at 70°l Solid / dry Solid / moist Paste / wet Phase Layering: X No layers or phase Multilayered with	Halogenated chk Dibenzo-para-did ERIAL F: Sludge/thick tLiquid/sludge _X_Liquid	Flash Point:	Less than 140 ⁰ F Between 140 ⁰ F - 200 ⁰ F Greater than 200 ⁰ F No flash point Equal to Water

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NON-HAZARDOUS WASTE PROFILE

Four Seasons Industrial Services, Inc.
Waste Management Department
Post Office Box 16590
Greensboro, North Carolina 27416

JOB CTO-19133 WASTE 6-WW3

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This non-hazardous waste profile document is specifically designed to be a complete representation of your waste material, and with this detailed information Four Seasons will be able to correctly and expeditiously determine those methods or technologies available to handle your non-hazardous waste materials.

To process this document Four Seasons requires each applicable section to be completed entirely, each question must be addressed. When responding or writing in this profile remember that "0" (zero) is a numeric value. If you have additional technical information about your waste, please list or attach the information.

Tallot in you have additional toomison		at your muoto, prod		
We ask that you carefully exam describes your non-hazardous was				best generally
Unused petroleum produced or waste petroleum Hydraulic fluids: (pum X Water contaminated wing Commercial Chemical Paints and Coatings: (Manufacturing Waste E	im products: <i>(n ps fluid, clutch</i> th petroleum pr Products; <i>(solv</i> dried paint, liqu	notor oil, lubricating fluid, brake fluid, et oducts: (water with ents, cleaners, coo id paint and coating	oil, grease, etc.) c.) n gasoline, kerosene, lants, etc.) ns, etc.)	•
Identify the waste category that y those sections of this profile docu	ou checked ab	ove on the guide t be completely ansv	pelow. Each catego vered. See the follow	ry will reference ving index.
WASTE CATEGORY Unused petroleum products Used or waste petroleum products Hydraulic fluids Water contaminated with petroleum Commercial Chemical Products Paints and Coatings Manufacturing Waste By-Product	π products	COMPLETE PROFIL Sections A, B, C, an Sections A, B, C, G, Sections A, B, C, H, Sections A, B, C, an Sections A, B, C, D,	d H and H and I d H E, F, G, H, and I F, H, and I	
A. GENERATOR INFORMATION	<u> </u>			
A. GENERATOR INFORMATION				
A. GENERATOR INFORMATION Generator Names: CTO-0133		EPA Identi	fication No.:Zip	
A. GENERATOR INFORMATION Generator Names: CTO-0133 Facility Address: Mailing Address:		EPA Identi	fication No.:Zip	
A. GENERATOR INFORMATION Generator Names: CT0-0133 Facility Address:		EPA Identi StateState	fication No.:Zip	
A. GENERATOR INFORMATION Generator Names: CT0-0133 Facility Address: Mailing Address: Rusiness	er Title:	EPA Identi State State	fication No.:ZipZip	2038
A. GENERATOR INFORMATION Generator Names: CTO-0133 Facility Address: Mailing Address: Business GENERATOR INFORMATION GENERATOR INFORMATION Business GENERATOR INFORMATION	Title:Title:	EPA Identi State State	fication No.:ZipZipPhone:412/269Phone:412/269	2038 2039
A. GENERATOR INFORMATION Generator Names: CTO-0133 Facility Address: Mailing Address: Business GENERATOR Contact: Don Shields - Baker Technical Contact: Joe Rozum - Baker B. WASTE COMPOSITION; include specific Waste Name: Non-hazardous Waste Constituent	er Title: Title: chemical compound Water Percentage	EPA Identi State State	fication No.:ZipZipPhone:412/269Phone:412/269	2038 2039
A. GENERATOR INFORMATION Generator Names: CTO-0133 Facility Address: Mailing Address: Business GENERATO Contact: Don Shields - Baker Technical Contact: Joe Rozum - Baker B. WASTE COMPOSITION; include specific Waste Name: Non-hazardous Waste	er Title: Title: chemical compound Water	EPA Identi State State s, fuel oil, grease, water, o	fication No.:ZipZipPhone:412/269Phone:412/269	2038 2039 represent 100%)
A. GENERATOR INFORMATION Generator Names: CTO-0133 Facility Address: Mailing Address: Business GENERATOR Contact: Don Shields - Baker Technical Contact: Joe Rozum - Baker B. WASTE COMPOSITION; include specific Waste Name: Non-hazardous Waste Constituent	er Title: Title: chemical compound Water Percentage	EPA Identi State State s, fuel oil, grease, water, o	fication No.:ZipZipPhone:412/269Phone:412/269	2038 2039 represent 100%)
A. GENERATOR INFORMATION Generator Names: CTO-0133 Facility Address: Mailing Address: Business GENERATOR Contact: Don Shields - Baker Technical Contact: Joe Rozum - Baker B. WASTE COMPOSITION; include specific Waste Name: Non-hazardous Waste Constituent	er Title: Title: chemical compound Water Percentage	EPA Identi State State s, fuel oil, grease, water, o	fication No.:ZipZipPhone:412/269Phone:412/269	2038 2039 represent 100%)
A. GENERATOR INFORMATION Generator Names: CTO-0133 Facility Address: Mailing Address: Business GENERATOR Contact: Don Shields - Baker Technical Contact: Joe Rozum - Baker B. WASTE COMPOSITION; include specific Waste Name: Non-hazardous Waste Constituent	er Title: Title: chemical compound Water Percentage	EPA Identi State State s, fuel oil, grease, water, o	fication No.:ZipZipPhone:412/269Phone:412/269	2038 2039 represent 100%)

C. PHYSICAL PROPERTIES OF WASTE MATERIAL						
O. Class to Classific						
Color: Clear to Cloudy	Physical State at 70°F:		Flash Point:			
Odor: No distinct odor	Solid / dry	Sludge/thick	Water Company of the	Less than 140 ⁰ F		
	Solid / moist		·····	Between 140°F - 200°F		
	Paste / wet	X_Liquid	X	Greater than 200°F		
Waste Material pH:				No flash point		
	Phase Layering:					
Less than 2.5	XNo layers or phas	ses	Specific Gravity:	<u>Equal to water</u>		
Range 2.5 through 6.0	Two visible layers	s or phase	BTU / GAL or LB:			
Range 6.0 through 12.5	Multilayered with	three or more phases	Quantity on hand:	<u>1,100 gallon</u> s		
Greater than 12.5	Multi-matrixs (liqu	uid and solid phases)	Contained in:	<u>24 - 55 gall</u> on drums		
D. PROPORTIONS OF CHEMICAL CO	ONSTITUENTS ; incl	ude concise quantitative	information on chemical	compounds in the waste		
				1		
Organic Compounds (Note A)	Quantity (mg/kg)	Organic Compounds	(Note A)	Quantity (mg/kg)		
		·				
E. PROPORTIONS OF CHEMICAL CO	ONSTITUENTS; incl	ude concise quantitative	information on chemical	compounds in the waste		
Regulated Inorganic Compounds (Note C)	Quantity (mg/kg)	Regulated Inorganic	Compounds (Note C)	Quantity (mg/kg)		
Arsenic		Lead				
Barium		Mercury				
Cadmium		Selenium	·			
Chromium		Silver				
				the state of the s		
F. PROPORTIONS OF CHEMICAL CO	ONSTITUENTS; incli	ude concise quantitative	information on chemical	compounds in the waste		
Regulated Organic Compounds (Note C)	Quantity (mg/kg)	Regulated Organic C	Compounds (Note C)	Quantity (mg/kg)		
Benzene		Hexachloroethar				
Carbon tetrachloride		Lindane				
Chlordane		Methyl ethyl keto	one			
Chlorobenzene		Methoxychlor				
Chloroform		Nitrobenzene				
o-cresol		Pentachloropher	ool			
m-cresol		Pyridine	<u> </u>			
		*				
p-cresol :		Tetrachloroethyl	ene	<u> </u>		
Cresol	 	Toxaphene				
1,4-dichlorobenzene		Trichloroethylen				
1,2-dichlorobenzene		2,4-Dichloropher	noxyacetic acid (2,4-D)			
1,1-dichlorobenzene		2,4,5-TP (silvex)			
2,4-dinitrotoluene		2,4,5-trichloroph	enol :			
Heptachlor		2,4,6-trichloroph	enol			
Hexachlorobenzene		Vinyl chloride				
Hexachloro-1,3-butadiene						

G. WASTE OIL SPECIFICATION DISCLOS	SURE; (answer yes or no as	applicable to your waste	e material)
Does this waste contain over 10	00 ppm of any halogenated o	organics solvents?	
Could this waste be classified as	ignitable, with a flashpoint le	ess than 100 ⁰ F?	
Does this waste contain more that			·
Does this waste contain more that	an 2 ppm Cadmium, or 10 pp	om Chromium?	
H. PROFILE QUESTIONS; (answer yes or	no as applicable to your was	ete material)	
No Does this waste contain more that	• •		<u>n) ?</u>
No Could this waste be classified as	-	_	
No Does this waste contain free liqu			
No Could this waste be classified as		other compounds?	
No Is this waste an oxidizer as defin	•		
No Does this waste contain cyanide	- • •	•	
No Does this waste contain sulfide o	• • • • • • • • • • • • • • • • • • • •	-	30?
No Does this waste contain over 100	• •	organics solvents?	
No Has anything been added to soli	•	ma managat tatal ayaawia	
If yes, did the solidification agent	-	ne percent total organic	carbon?
No Has this waste been treated or p No Is this waste derived from or mix	• •	s wasta athar than thas	o listad?
If so, state the hazardous waste			
II so, state the hazaroous waste	codes nom which this waste	is delived of mixed with	i ili Comments.
Process Generating this Waste: Excess excess water pumped from roll-o			lling mud and,
Comments: Concentrations of comp	ounds were extremely	low. Very few con	npounds
<u>detected - SEE Attached Analysi</u>	s for 6-WW3		
I. MATERIAL SAFETY DATA SHEETS (MS	SDS); (please furnish a MSE	OS on the products conta	ained in your waste)
Chemical Product	MS	SDS Document Number	r
		entre de la companya	
CERTIFICATION I certify under penalty of law that this document and a system designed to assure that qualified personne person or persons who manage the system or those best of my knowledge and belief, true, accurate, and information, including the possibility of fines and in this and all attached documents is complete and ac disclosed. I warrant that the waste material hereby	el properly gather and evaluate the e persons responsible for gatheri d complete. I am aware that there aprisonment for knowing violation curate, and that all known or susp	e Information submitted. Being information, the information, the information are significant penalties for its library that all industries the pected waste constituents he	ased on my inquiry of the ion submitted is, to the submitting false information submitted in ave been thoroughly
Authorized Signature	Name (Print)	Title	Date

NON-HAZARDOUS WASTE PROFILE

Four Seasons Industrial Services, Inc.
Waste Management Department
Post Office Box 16590
Greensboro, North Carolina 27416

JOB CTO-19133

WASTE 6-WW4

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General Instructions	-				
This non-hazardous waste profile document is specifically of waste material, and with this detailed information Four Sea determine those methods or technologies available to handle	asons will be able	e to correctly and expeditiously			
To process this document Four Seasons requires each appreciation must be addressed. When responding or writing in value. If you have additional technical information about you	this profile remer	mber that "0" (zero) is a numeric			
 We ask that you carefully examine the following c					
Used or waste petroleum products: (motor of Hydraulic fluids: (pumps fluid, clutch fluid, but water contaminated with petroleum products Commercial Chemical Products; (solvents, of Paints and Coatings: (dried paint, liquid paint)	Unused petroleum products; (gasoline, kerosene, fuel oils, etc.) Used or waste petroleum products: (motor oil, lubricating oil, grease, etc.) Hydraulic fluids: (pumps fluid, clutch fluid, brake fluid, etc.) X Water contaminated with petroleum products: (water with gasoline, kerosene, fuel oils, etc.)				
2. Identify the waste category that you checked above or those sections of this profile document that must be con	n the guide below npletely answered	v. Each category will reference d. See the following index.			
Unused petroleum products Used or waste petroleum products Section Hydraulic fluids Section X Water contaminated with petroleum products Commercial Chemical Products Paints and Coatings Section	LETE PROFILE SE IS A, B, C, and H IS A, B, C, G and I IS A, B, C, H, and IS A, B, C, and H IS A, B, C, D, E, F, IS A, B, C, D, F, H, IS A, B, C, D, F, A	G, H, and I			
A. GENERATOR INFORMATION					
Generator Names: CTO-0133	_ EPA Identification	on No.:			
Facility Address:	State	Zip			
Malling Address:	State	Zip			
GENERALE Contact: Don Shields - Baker Title:	Pt	none:_412/269-2038			
Technical Contact: Joe Rozum - Baker Title:	Pt	none: 412/269-2039			
B. WASTE COMPOSITION; include specific chemical compounds, fuel of Waste Name: Decontamination Fluids - Non-hazardous	il, grease, water, dirt, etc	c. (composition must represent 100%)			

Constituent	Percentage
Water	98%
Alconox Soap Solution	1%
Isopropanol	.01%
Nitric Acid (10%)	1%

Constituent	Percentage
44 mg/kg	
pH 4.6	

c.:=

C. PHYSICAL PROPERTIES OF WASTE MATERIAL					
C. PHYSICAL PROPERTIES OF WAS Cotor: Gray-clear to cloudy Odor: slight organic Waste Material pH: Less than 2.5 Range 2.5 through 6.0 Range 6.0 through 12.5 Greater than 12.5 D. PROPORTIONS OF CHEMICAL CO	Physical State at 70°Solid / drySolid / moisPaste / wet Phase Layering:No layers or phaTwo visible layerMultilayered withMulti-matrixs (light	Sludge/thick Liquid/sludge X_Liquid Ses Ses Ses or phase In three or more phases Souid and solid phases)	Specific Gravity: Equ BTU / GAL or LB: NA Quantity on hand: 600 Contained in: 11 -	gallons 55 gallon drums	
E. PROPORTIONS OF CHEMICAL CO	NSTITUENTS ; inc	lude concise quantitative	information on chemical com	pounds in the waste	
Regulated Inorganic Compounds (Note C) Arsenic	Quantity (mg/kg)	Regulated Inorganio	c Compounds (Note C)	Quantity (mg/kg)	
Barium		Mercury			
Cadmium		Selenium			
Chromium		Silver			
	Charles Control of Control of Control		ALCOHOL STATE OF THE STATE OF T		
F. PROPORTIONS OF CHEMICAL CO	NSTITUENTS ; inc	lude concise quantitative	information on chemical com	pounds in the waste	
Regulated Organic Compounds (Note C)	Quantity (mg/kg)	Regulated Organic	Compounds (Note C)	Quantity (mg/kg)	
Benzene		<u>Hexachloroetha</u>	ne		
Carbon tetrachloride		Lindane			
Chlordane		Methyl ethyl ket	one	 	
Chlorobenzene	-	Methoxychlor		1	
Chloroform		Nitrobenzene			
o-cresol		Pentachlorophe	nol		
m-cresol		Pyridine			
p-cresol	-	Tetrachloroethy	lene		
Cresol		Toxaphene			
1,4-dichlorobenzene		<u>Trichloroethylen</u>			
1,2-dichlorobenzene			noxyacetic acid (2,4-D)		
1,1-dichlorobenzene		2,4,5-TP (silve)			
2,4-dinitrotoluene		2,4,5-trichloroph			
Heptachlor	1	2,4,6-trichloroph	nenol	-	
Hexachlorobenzene	+	<u>Vinyl chloride</u>			
Hexachloro-1,3-butadiene					

ALC: U.S.

G. WASTE OIL SPECIFICATION DISCLOS	SURE; (answer yes or no as	applicable to your waste	e material)
Does this waste contain over 10 Could this waste be classified as Does this waste contain more th Does this waste contain more th	s ignitable, with a flashpoint le an 100 ppm Lead, or 5 ppm A	ss than 100 ⁰ F? Arsenic?	
H. PROFILE QUESTIONS; (answer yes or	no as applicable to your was	te material)	•
No Does this waste contain more the No Could this waste be classified as No Does this waste be classified as No Could this waste be classified as No Is this waste an oxidizer as define No Does this waste contain cyanide No Does this waste contain sulfide of No Does this waste contain over 10 No Has anything been added to solid no Has this waste been treated or possible No Is this waste derived from or mix If so, state the hazardous waste	s ignitable, with a flashpoint lead, with a flashpoint less than a reactive, will it react with oned by DOT or EPA? greater than 25 ppm as detected as a greater than 25 ppm as detected by ppm of total halogenated of diffy this waste? t used contain greater than or processed in any way? sed with any RCRA hazardous codes from which this waste	ess than 140 ⁰ F? 140 ⁰ F? ther compounds? cted by EPA Method 90 ted by EPA Method 903 organics solvents? ne percent total organic s waste other than those is derived or mixed with	carbon?
Process Generating this waste: Deconts	amination of Sampling	Equipment	-1200-0000-700000-700-700-700-700-700-700-
Comments: This waste material same	nple had a high diluti	on factor because	it represents
decontamination fluids which cont (continued on attached sh	-	ion of Isopropano	1. This stage of
I. MATERIAL SAFETY DATA SHEETS (MS		S on the products couts	gined in your waste)
Chemical Product	· · · ·	DS Document Number	·
CERTIFICATION I certify under penalty of law that this document and a system designed to assure that qualified personn person or persons who manage the system or those best of my knowledge and belief, true, accurate, and information, including the possibility of fines and in this and all attached documents is complete and ac disclosed. I warrant that the waste material hereby	el properly gather and evaluate the e persons responsible for gatherir d complete. I am aware that there aprisonment for knowing violation curate, and that all known or susp	e information submitted. Be ag information, the informat are significant penalties for as. I hereby certify that all in sected waste constituents h	ased on my inquiry of the ion submitted is, to the submitting false information submitted in ave been thoroughly
Authorized Signature	Name (Print)	Title	

decontamination would contain only trace amounts of any regulated contaminants. Therefore, we can conclude that the EPA Hazardous Wastes, NO.'s D018, D019, D029, D039, and D043 are not present at levels near or exceeding the Regulatory Limit.

TABLE 2

COMPARISON OF ANALYTICAL RESULTS AGAINST RCRA HAZABDOUG WASTE CHARACTERISTIC PARAMETERS

EPA HW No.	Contaminant	Regulatory Level (mg/L)
D004	Arsenic	5.0
D005	Barium	100.0
D018	Benzene	0.5
D006	Cadmium	1.0
D019	Carbon tetrachloride	0.5
D020	Chlordane	0.03
D021	Chlorobenzene	100.0
D022	Chloroform	6.0
D007	Chromium	5.0
D026	Cresol	200.0
D016	2,4-D	10.0
D027	1,4-Dichlorobenzene	7.5
D028	1,2-Dichloroethane	0.5
D029	1,1-Dichloroethylene	0.7
D030	2,4-Dinitrotoluene	0.13
D012	Endrin	0.02
D031	Heptachlor (and its epoxide)	0.008
D032	Hexachlorobenzene	0.13
D033	Hexachlorobutadiene	0.5
D034	Hexachloroethane	3.0
D008	Lead	5.0
D013	Lindane	0.4
D009	Mercury	0.2

HAZ		
6-WW2(2)(4) (mg/L)	6-WW3 ⁽²⁾ (mg/L)	6-WW4(2)(5) (mg/L)
0.005U	0.0513	0.0121
0.072	0.519	0.205
(1.0U)	0.01U	(5.0U)
0.002	0.0099U	0.006
1.0U	0.01U	5.0U
0.00005U	0.00005U	0.00005U
1.0U	0.01U	5.0U
1.0U	0.01U	5.0U
0.0275	0.303	0.158
NA	NA / c	NA
NA	NA 5'	NA
0.01U	0.01U	0.05U
(1.0U)	0.01U	(5.0U)
1.0U	0.01U	75.0U
0.01U	0.01U	0.05Ú
0.0001U	0.0001U	0.00001U
0.00005U	0.00005U	0.00005U
0.01U	0.01U	0.05U
0.01U	0.01U	0.05U
0.01U	0.01U	0.05U
0.0074U	0.242	0.12
0.00005U	0.00005U	0.00005U
0.00004U	0.00011	0.00022

TABLE 2

COMPARISON OF ANALYTICAL RESULTS AGAINST RCRA HAZARDOUS WASTE CHARACTERISTIC PARAMETERS

EPA HW No.	Contaminant	Regulatory Level (mg/L)
D014	Methoxychlor	10.0
D035	Methyl ethyl ketone	200.0
D036	Nitrobenzene	2.0
D037	Pentchlorophenol	100.0
D038	Pyridine	5.0
D010	Selenium	1.0
D011	Silver	5.0
D039	Tetrachloroethylene	0.7
D015	Toxaphene	0.5
D040	Trichloroethylene (TCE)	0.5
D041	2,4,5-Trichlorophenol	400.0
D042	2,4,6-Trichlorophenol	2.0
D017	2,4,5-TP (Silvex)	1.0
D043	Vinyl Chloride	0.2
D001	Ignitability	FP <120°
D002	Corrosivity	pH ≤2 or ≥12.5
D003	Reactivity Sulfide (mg/kg) Cyanide (mg/kg)	40 CFR 261.23

(1)	Analyzed for Full TCLP a	nd RCRA Hazardous	Waste Characteristics.
(1)	Analyzed for rull I CLF a	iliu ivolus ilazai dous	maste ottal acterismes.

⁽²⁾ Samples analyzed for Full TCL Organics/TAL Inorganics per CLP procedures.

6-WW2(2)(4) (mg/L)	6-WW3 ⁽²⁾ (mg/L)	6-WW4 ⁽²⁾⁽⁵⁾ (mg/L)
0.0005U	0.0005U	0.0005U
1.0U	0.01U	5.0U
0.01U	0.01U	0.05U
0.025U	0.025U	0.12U
NA	NA 5%	NA
0.005U	0.025U	0.025U
0.002U	0.002U	0.002U
(1.0U)	0.01U	5.0U
0.005U	0.005U	0.005U
13	0.11	5.0U
0.025U	0.025U	0.12U
0.01U	0.01U	0.05U
NA	NA	NA
(1.0U)	0.01U	5.0U
NA	NA	NA
NA	NA	NA
NA NA	NA NA	NA NA

U - Not detected at Contract Required Quantitation Limit (CRQL).

⁽³⁾ Volatile organic fraction analyzed at 10x dilution.

⁽⁴⁾ Volatile organic fraction analyzed at 100x dilution.

⁽⁵⁾ Volatile organic fraction analyzed at 500x dilution.

NA - Not Analyzed

TABLE 3 ORGANIC COMPOUNDS DETECTED IN INVESTIGATION DERIVED WASTE SAMPLES

	Sample	Medium Group			Volatile Organics		Sem Or	Pesticide Organics	
	Number	Medium	Group	Acetone	Trichloro- ethene	1,2-Dichloro- ethene (total)	2-methyl- naphthalene	bis (2-ethylhexyl) phthalate	4,4'-DDD
1	6-WW2	Liquids	2		13,000]
l	6-WW3	Liquids	3	36	110	47	•=		0.171
	6WW4	Liquids	4	44,000	••		98	76	••

Notes: (1) -- Denotes not detected at Contract Required Quantitation Level (CRQL)

Results shown in micrograms per liter (µg/L).

Note: Only contaminants detected above CRQL are listed.

TABLE 4 INORGANIC COMPOUNDS DETECTED IN INVESTIGATION DERIVED WASTE SAMPLES

Sample	Medium	Group				Inc	organic C	onstituent	s			
Number	Wiedlum	Group	Beryllium	Barium	Selenium	Aluminum	Arsenic	Cadmium	Calcium	Chromium	Copper	Iron
•			•	'			'				'	
6-WW2	Liquids	2				9,480			137,000	27.5		12,800
6-WW3	Liquids	3	7.2	519		112,000	51.3	9.9	825,000	303	83.1	92,100
6WW4	Liquids	4		205	-+	87,100	12.1	6.0	39,800	158	76.2	233,000

Notes: (1) -- Denotes not detected at Contract Required Quantitation Level (CRQL)

Results shown in micrograms per liter (µg/L).

Note: Only contaminants detected above CRQL are listed.

TABLE 4 (Continued)

INORGANIC COMPOUNDS DETECTED IN INVESTIGATION DERIVED WASTE SAMPLES

Comple							Inorgan	ic Constitue	ents				
Sample Number	Medium	Group	Lead	Magnesium	Manganese	Mercury	Nickel	Potassium	Sodium	Vanadium	Zinc	Cyanide	pH (S.U.)
,		•	•	•			'						
6-WW2	Liquids	2	7.4	5,150	172		••	6,320	16,800	••	81		7.6
6-WW3	Liquids	3	242	48,000	838	••	62.8	26,300	102,000	246	929	••	10.0
6WW4	Liquids	4	120		1,430	0.22	102	27,800	52,100	108	598	65.5	4.5

Notes: (1) -- Denotes not detected at Contract Required Quantitation Level (CRQL)

Results shown in micrograms per liter (µg/L).

Note: Only contaminants detected above CRQL are listed.

ATTACHMENT III
Example Waste Profile Forms

HAZARDOUS WASTE PROFILE

Four Seasons Industrial Services, Inc.
Waste Management Department
Post Office Box 16590
Greensboro, North Carolina 27416

JOB - CTO-19133 WASTE 6-WW2

General Instructions

ALC BE A STATE OF This hazardous waste profile document is specifically designed to be a complete representation of your regulated waste material, and with this detailed information Four Seasons will be able to correctly and expeditiously determine those methods available or technologies required to effectively handle your hazardous waste materials.

To process this document Four Seasons requires each applicable section to be completed entirely, each question must be addressed. When responding or writing in this profile remember that "0" (zero) is a numeric value. If you have additional technical information or analytical data about your waste, please include that information in the appropriate section or as a attachment.

If you have any questions or require additional information to complete this hazardous waste profile document, please contact our Waste Management Department at 1-800-868-2718.

- OTES:

 A Report as TOTAL values only; (for organic volatiles EPA Test Method 8240; semivolatiles EPA Test Method 8270)

 B Report as TOTAL values only; (do not use TCLP EPA Method 1311 or EP Toxicity EPA Method 1310 extraction methods)

 C Report as EXTRACTION values only; (use TCLP EPA Method extraction method 1311, with appropriate constituent analysis) D. Report as TOTAL values only, (PCB can be analyzed as a additional constituent using semivolatiles Test Method 8270 BNA)

Generators are required to submit copies of supporting laboratory analysis and chemical products Material Safety Data Sheets (MSDS).

1. WASTE NAME: EPA Toxicity (Trichl	oroethylene)	EPA WASTE CODE:	D040	
The second of th				
2. PROFILE QUESTIONS; (answer yes	or no as applicable to your w	raste material)		
•		•]	Regulatory Guide
No Does this waste contain more	than 49 ppm PCB, if so how	much	_(ppm)?	(:40 CFR 761.3)
No Could this waste be classified	l as ignitable, with a flashpoir	nt less than 140 ⁰ F?	,	(:40 CFR 261.21)
No Does this waste contain free	iquid, with a flashpoint less tl	han 140 ⁰ F?		(:40 CFR 261.21)
No Could this waste be classified	as a reactive, will it react wit	th other compound:	s?	(:40 CFR 261 23)
No Is this waste an oxidizer as d	efined by DOT or EPA?			(:49 CFR 172.101)
No Is this waste radioactive by D	OE, DOT, or EPA?			(:49 CFR 172.101)
No Does this waste contain cyar	ide greater than 25 ppm usin	g EPA Method 901	0?	(:40 CFR 261.23)
No Does this waste contain sulfice	le greater than 25 ppm using	by EPA Method 90	30?	(:40 CFR 261.23)
No Does this waste contain over	1000 ppm of total halogenate	ed <mark>organi</mark> cs solvent	s?	(:40 CFR 268.32)
No Has anything been added to	solidify this waste?			(:40 CFR 270.1,(c)
If yes, did the solidification ag	ent used contain <1% total o	rganic carbon?		(:40 CFR 265.314)
No Has this waste been treated	or processed in any way?			(:40 CFR 261.3)
No Is this waste derived from or	nixed with any RCRA hazard	lous waste?		(:40 CFR 261.3)
If so, enter the hazardous wa	ste codes of the waste it is de	erived or mixed witl	n, in comr	nents section.
Process Generating this Waste: Well	Installation/Developm	ent;		
Well Purging During Sampling	**************************************			
		na - Pro- La companya da La companya		

				_
Comments: Because of the dilu	ion factor, the minimu	m detection li	mit tor	the contaminar

EPA HW No. D018, D019, D028, D0239, D043, exceed the regulatory limit.

present at levels near or exceeding the regulatory level.

the site data and contaminants present indicate that these contaminants are NOT

Examination of

3. GENERATOR INFORMATION			
Generator Names: <u>CTO-0133</u>	EPA Identific	ation No.:	
Facility Address:			Zip
Malling Address:			Zip
Business Contact: Don Shields - Bake			
Technical Contact: 300 NOZum Baker	Title:		Phone: 412/269-2039
4. GENERAL WASTE COMPOSITION;	include chemical compo	ounds, water, dirt, etc. (con	nposition must represent 100% of the waste)
Constituent	Percentage	Constituent	Percentage
Water	98%	***	
Dirt	1%		
Trichloroethylene (13 ppm)	.01%		

		· · · · · · · · · · · · · · · · · · ·	
Chemical Product NA		MSDS Doo	cument Number
6. PROPORTIONS OF CHEMICAL COM	NSTITUENTS ; inclu	de quantitative information	on the chemical compounds in the waste
Organic Compounds (See Note A)	Quantity (mg/kg)	Organic Compounds	See Note A) Quantity (mg/kg)
Trichloroethylene	13 (mg/kg)	Organic Compounds	See Note A) Guaranty (mg/kg)
	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		
		*	
Inorganic Compounds (See Note B)	Quantity (mg/kg)	Inorganic Compounds	(See Note B) Quantity (mg/kg)
Bromine		<u>Phosphorous</u>	
Chlorine		Sulfur	
Cyanide		Sulfide	
Copper		Zinc	
Nickel .			
Regulated Inorganic Compounds (See Note C)	Quantity (mg/kg)	Regulated Ingrassic (Compounds (See Note C) Quantity (mg/kg)
Arsenic Arsenic		Lead	The state of section 1 the section 1
Barium SEE TABLE 2		Mercury	
Cadmium		Selenium	
Chromium		Silver	
Oniomiom y	·		

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NON-HAZARDOUS WASTE PROFILE

Four Seasons Industrial Services, Inc.
Waste Management Department
Post Office Box 16590
Greensboro, North Carolina 27416

JOB CTO-19133

WASTE 6-WW3

General Instructions		
waste material, and with this detailed	Information Fo	fically designed to be a complete representation of your our Seasons will be able to correctly and expeditiously handle your non-hazardous waste materials.
question must be addressed. When re	sponding or wr	each applicable section to be completed entirely, each iting in this profile remember that "0" (zero) is a numeric out your waste, please list or attach the information.
We ask that you carefully exar describes your non-hazardous wa	mine the follow ste material. Pl	wing categories and determine, which best generally lease check only one category.
Used or waste petroleu Hydraulic fluids: (pum X Water contaminated wi Commercial Chemical Paints and Coatings: (Manufacturing Waste E	am products: (inps fluid, clutch ith petroleum pe Products; (sole (dried paint, liqu By-Product: (tri	roducts: (water with gasoline, kerosene, fuel oils, etc.) vents, cleaners, coolants, etc.) uid paint and coatings, etc.) immings, product residues, product cleaning, etc.)
Identify the waste category that y those sections of this profile docu	you checked at iment that must	oove on the guide below. Each category will reference be completely answered. See the following index.
WASTE CATEGORY Unused petroleum products Used or waste petroleum products Hydraulic fluids Water contaminated with petroleum Commercial Chemical Products Paints and Coatings Manufacturing Waste By-Product	s m products	COMPLETE PROFILE SECTION Sections A, B, C, and H Sections A, B, C, G and H Sections A, B, C, H, and I Sections A, B, C, and H Sections A, B, C, D, E, F, G, H, and I Sections A, B, C, D, F, H, and I Sections A, B, C, D, F, H, and I Sections A, B, C, D, F, and H
A. GENERATOR INFORMATION		
Generator Names: CTO-0133 Facility Address: Mailing Address: Business GANAGO Contact: Don Shields - Baker Technical Contact: Joe Rozum - Baker	er Title:	EPA Identification No.: State Zip State Zip Phone: 412/269-2038 Phone: 412/269-2039
B. WASTE COMPOSITION; include specific	chemical compound	ds, fuel oil, grease, water, dirt, etc. (composition must represent 100%)
Waste Name: Non-hazardous Waste		
<u>Constituent</u> Water	Percentage 99.99%	Constituent Percentage

C. PHYSICAL PROPERTIES OF WAS	TE MATERIAL			
Color: Clear to Cloudy	Physical State at 70%	F:	Flash Point:	
Odor: No distinct odor	Solid / drySludge/thick		Less than 140 ⁰ F	
	Solid / moist	· · · · · · · · · · · · · · · · · · ·		ween 140°F - 200°F
	Paste / wet			ater than 200°F
Waste Material pH:		_Ac.quio		flash point
10.0 Exact pH	Phase Layering:			nasii point
Less than 2.5	X No layers or phas	ac .	Specific Gravity: Fax	ial to mater
Range 2.5 through 6.0	Two visible layers or phase		Specific Gravity: Equal to water BTU/GAL or LB:	
Range 6.0 through 12.5	I wo visible layers or phaseMultilayered with three or more phases		Quantity on hand: 1,100 gallons	
Greater than 12.5		uid and solid phases)		
	Word-matrixs (week	ad and solid phases)	Contained III: 24	- 55 gallon drums
D. PROPORTIONS OF CHEMICAL CO	NSTITUENTS; incl	ude concise quantitative	information on chemical cor	npounds in the waste
Organic Compounds (Note A)	Quantity (mg/kg)	Organic Compound	s (Note A)	Quantity (mg/kg)
			# # # # # # # # # # # # # # # # # # #	
		***************************************		·
-				
E. PROPORTIONS OF CHEMICAL CO	NSTITUENTS; incl	ude concise quantitative	information on chemical con	npounds in the waste
Regulated Inorganic Compounds (Note C)	Quantity (mg/kg)	Regulated Inorgani	c Compounds (Note C)	Quantity (mg/kg)
Arsenic		Lead		
Barium		Mercury		
Cadmium		Selenium		
Chromium		Silver		
	er gent de la language Marcola.	en e	al a service designed as a service of the	
F. PROPORTIONS OF CHEMICAL CO	NSTITUENTS; ind	ude concise quantitative	information on chemical con	npounds in the waste
Regulated Organic Compounds (Note C)	Quantity (mg/kg)	Regulated Organic	Compounds (Note C)	Quantity (mg/kg)
Benzene	, and the same of	Regulated Organic Compounds (Note C) Quantity (r Hexachloroethane		Guerrary (markey)
Carbon tetrachloride		Lindane		
Chlordane	·	Methyl ethyl ketone		
Chlorobenzene		Methoxychlor		
Chloroform		Nitrobenzene		
o-cresol		Pentachlorophenol		
m-cresol		Pyridine		
p-cresol		Tetrachloroethylene		
Cresol		Toxaphene		
1,4-dichlorobenzene		Trichloroethylene		
1,2-dichlorobenzene		,	enoxyacetic acid (2,4-D)	
1,1-dichlorobenzene	·	2,4-5-TP (silve		
2,4-dinitrotoluene				
Heptachlor		2,4,5-trichlorophenol 2,4,6-trichlorophenol		
Hexachlorobenzene		Vinyl chloride		
Hexachloro-1,3-butadiene		viityi chionoe		
Heyadilloto-1,0-butadiene				

G. WASTE OIL SPECIFICATION DISCLOS	SURE; (answer yes or no as	applicable to your waste	e material)	
a contra contain over 10	100 nnm of any haloganatady	nice coluente?		
Does this waste contain over 10				
Could this waste be classified as				
Does this waste contain more th	• • • • • • • • • • • • • • • • • • • •			
Does this waste contain more th	an 2 ppm Cadmium, or 10 pp	om Chromium?		
H. PROFILE QUESTIONS; (answer yes or	no as applicable to your was	ite material)		
No Does this waste contain more th	an 49 ppm PCB, if so how m	uch(ppn	n) ?	
No Could this waste be classified as				
No Does this waste contain free liqu	- ·	_		
Bocs this Waste contain nee inqu	•		j	
Oddid this waste be diassified at		otner compounds?		
IS THIS HASIC AIT OXIGIZED AS GOIN				
No Does this waste contain cyanide		-		
No Does this waste contain sulfide	greater than 25 ppm as detec	ted by EPA Method 903	0?	
No Does this waste contain over 10	00 ppm of total halogenated	organics solvents?		
_No Has anything been added to soli				
If yes, did the solidification agen	•	ne percent total organic	carbon?	
No Has this waste been treated or p		ne percent total organio	Calbon:	
•	• •			
If so, state the hazardous waste	codes from which this waste	is derived or mixed with	in comments.	
Process Generating this Waste: Excess	water pumped from dru	ms containing dril	ling mud and,	
excess water pumped from roll-c				
Commante: Concentrations of comm	arrada reama arramaler	7: <i>1</i> 7 <i>C</i>		
Comments: Concentrations of comp		low. Very rew com	ipounds	
<u>detected - SEE Attached Analysi</u>	s for 6-WW3			
I. MATERIAL SAFETY DATA SHEETS (MS	SDS): Inlease furnish a MSI	OS on the products conta	nined in vour waste)	
,	700/; (pioado idii	70 on the producte come	mico mi your madio,	
Chemical Product	МС	NO Deciment Number	_	
Ollemical Fioduct	IVIC	SDS Document Number	•	
CERTIFICATION				
I certify under penalty of law that this document and	i all attachments were prepared u	nder my direction or superv	ision in accordance with	
a system designed to assure that qualified personne	el properly gather and evaluate th	e information submitted. Ba	ased on my inquiry of the	
person or persons who manage the system or those best of my knowledge and belief, true, accurate, and	persons responsible for gatheri	ng information, the informati	on submitted is, to the	
information, including the possibility of fines and in	nprisonment for knowing violation	ns. I hereby certify that all in	formation submitted in	
this and all attached documents is complete and ac	curate, and that all known or susp	pected waste constituents ha	ave been thoroughly	
disclosed. I warrant that the waste material hereby disclosed is not regulated as hazardous waste as defined in 40 CFR 261.				
Authorized Signature				

NON-HAZARDOUS WASTE PROFILE

Four Seasons Industrial Services, Inc.
Waste Management Department
Post Office Box 16590
Greensboro, North Carolina 27416

JOB CTO-19133

WASTE 6-WW4

General Instructions				
This non-hazardous waste profile document is specifically designed to be a complete representation of your waste material, and with this detailed information Four Seasons will be able to correctly and expeditiously determine those methods or technologies available to handle your non-hazardous waste materials.				
To process this document Four Seasons requires each applicable section to be completed entirely, each question must be addressed. When responding or writing in this profile remember that "0" (zero) is a numeric value. If you have additional technical information about your waste, please list or attach the information.				
1. We ask that you carefully examine the following categories and determine, which best generally describes your non-hazardous waste material. Please check only one category.				
Unused petroleum products; (gasoline, kerosene, fuel oils, etc.) Used or waste petroleum products: (motor oil, lubricating oil, grease, etc.) Hydraulic fluids: (pumps fluid, clutch fluid, brake fluid, etc.) Water contaminated with petroleum products: (water with gasoline, kerosene, fuel oils, etc.) Commercial Chemical Products; (solvents, cleaners, coolants, etc.) Paints and Coatings: (dried paint, liquid paint and coatings, etc.) Manufacturing Waste By-Product: (trimmings, product residues, product cleaning, etc.) Identify the waste category that you checked above on the guide below. Each category will reference those sections of this profile document that must be completely answered. See the following index.				
WASTE CATEGORY Unused petroleum products Used or waste petroleum products Hydraulic fluids Water contaminated with petroleum products Commercial Chemical Products Paints and Coatings Manufacturing Waste By-Product COMPLETE PROFILE SECTION Sections A, B, C, and H Sections A, B, C, G and H Sections A, B, C, H, and I Sections A, B, C, D, E, F, G, H, and I Sections A, B, C, D, F, H, and I Sections A, B, C, D, F, H, and I				
A. GENERATOR INFORMATION				
Generator Names: CTO-0133 EPA Identification No.:				
Facility Address:		State	Zip	
Malling Address:			Zip	
Business				
Contact: Don Shields - Baker Title: Phone: 412/269-2038				
Technical Contact: Joe Rozum - Baker Title: Phone: 412/269-2039				
B. WASTE COMPOSITION; include specific chemical compounds, fuel oil, grease, water, dirt, etc. (composition must represent 100%)				
Waste Name: Decontamination Fluids - Non-hazardous				
Constituent	Percentage	Constituent	1	Percentage
Water	98%	<u> </u>		
Alconox Soap Solution	1%			
Isopropanol	.01%	44 mg/kg		
Nitric Acid (10%) 1% pH 4.6				
Nitric Acid (10%)	1%	pH 4.6		

C. PHYSICAL PROPERTIES OF WASTE MATERIAL					
Cotor: <u>Gray-clear to cloudy</u>	Obviolant Cont To	.e. 1			
Odor: slight organic	Physical State at 70 Solid / dry		Flash Point:		
osov. gright organic	Solid / dry	Sludge/thick stLiquid/sludge	Less than 140 ⁰ F		
	Paste / wet		Between 140°F - 200°F X Greater than 200°F		
Waste Material pH:	asic / Wel	A_CIQUIO	X Greater than 200°F No flash point		
4.5 Exact pH	Phase Layering:		No trash point		
Less than 2.5	X_No layers or pha	ises	Specific Gravity: Equal to water		
Range 2.5 through 6.0	Two visible layers or phase		BTU/GAL or LB: NA		
Range 6.0 through 12.5	•	three or more phases	Quantity on hand: 600 gallons		
Greater than 12.5		Multi-matrixs (liquid and solid phases) Contained in: 11			
			drums		
D. PROPORTIONS OF CHEMICAL CO	ONSTITUENTS; inc	clude concise quantitative	information on chemical compounds in the waste		
Organic Compounds (Note A)	Quantity (mg/kg)	Organic Compound	Is (Note A) Quantity (mg/kg)	ĺ	
				ĺ	
				ĺ	
				Ĺ	
				Ĺ	
E. PROPORTIONS OF CHEMICAL CO	ONSTITUENTS; inc	clude concise quantitative	information on chemical compounds in the waste		
Regulated Inorganic Compounds (Note C)	Quantity (mg/kg)	Regulated Inorgani	c Compounds (Note C) Quantity (mg/kg)	ĺ	
Arsenic		Lead		ĺ	
Barium	·	Mercury		ĺ	
Cadmium		Selenium		ĺ	
Chromium		Silver			
	An are so a recommendation	STATE OF THE STATE OF		7	
F. PROPORTIONS OF CHEMICAL CO	NSTITUENTS; inc	dude concise quantitative	information on chemical compounds in the waste		
Barrier I Constitution of the Constitution of	1				
Regulated Organic Compounds (Note C)	Quantity (mg/kg)		Compounds (Note C) Quantity (mg/kg)	[
Benzene Carbon tetrachloride	1	<u>Hexachloroetha</u>	ne	Ī	
Carbon tetractionoe		Lindane			
Chlorobenzene		Methyl ethyl ket Methoxychlor	one		
Chloroform		Nitrobenzene		İ	
o-cresol			mal		
m-cresol		Pentachlorophenol Pyridine			
p-cresol		Tetrachloroethy	lane		
Cresol		Toxaphene	ione	-	
1,4-dichlorobenzene		Trichloroethyler	10	ĺ	
1,2-dichlorobenzene			enoxyacetic acid (2,4-D)	ĺ	
1,1-dichlorobenzene		2,4,5-TP (silve		ĺ	
2,4-dinitrotoluene		2,4,5-trichloropl		ĺ	
Heptachlor		2,4,6-trichlorophenol		ĺ	
Hexachlorobenzene		Vinyl chloride		ĺ	
Hexachloro-1,3-butadiene				ĺ	
				ĺ	

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G. WASTE OIL SPECIFICATION DISCLOS	SURE; (answer yes or no as	applicable to your waste	e material)		
Does this waste contain over 10 Could this waste be classified as Does this waste contain more the Does this waste contain more the	s ignitable, with a flashpoint lo nan 100 ppm Lead, or 5 ppm	ess than 100 ⁰ F? Arsenic?			
H. PROFILE QUESTIONS; (answer yes or	no as applicable to your was	ste material)			
No Could this waste be classified as No Does this waste be classified as No Could this waste be classified as No Could this waste be classified as No Is this waste an oxidizer as define No Does this waste contain cyanide No Does this waste contain sulfide No Does this waste contain over 10 No Has anything been added to solid If yes, did the solidification agent Has this waste been treated or put Is this waste derived from or mix If so, state the hazardous waste	s ignitable, with a flashpoint leadid, with a flashpoint less than a reactive, will it react with a red by DOT or EPA? The greater than 25 ppm as detected as greater than 25 ppm as detected as greater than 25 ppm as detected as followed by this waste? The transport of the second	ess than 140 ⁰ F? In 140 ⁰ F? Other compounds? Exted by EPA Method 90 Oted by EPA Method 903 Organics solvents? In the percent total organic Its waste other than those Its derived or mixed with	carbon? e listed?		
Process Generating this Waste: Deconta	amination of Sampling	Equipment			
Comments: This waste material sandecontamination fluids which cont					
(continued on attached sh		10h or isopropano	I. IIIIS SLAKE UI		
I. MATERIAL SAFETY DATA SHEETS (MS	SDS); (please furnish a MSE	OS on the products conta	ained in your waste)		
Chemical Product	MS	SDS Document Number	r .		
CERTIFICATION I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations. I hereby certify that all information submitted in this and all attached documents is complete and accurate, and that all known or suspected waste constituents have been thoroughly disclosed. I warrant that the waste material hereby disclosed is not regulated as hazardous waste as defined in 40 CFR 261.					
Authorized Signature	Name (Print)	Title	Date		